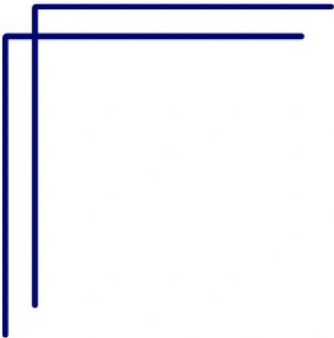




LABdex



Benchtop Refractometer LX150BR



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Description

Benchtop Refractometer LX150BR is a high-precision automatic refractometer for measuring refractive index and sugar content in various liquids, with advanced CCD sensor. It is used to measure the refractive index in the range of 1.30000 - 1.70000 (nD) with a resolution of 0.0001 (nD). The brix range lies within 0 - 100 % with a brix accuracy of ± 0.1 %. It has sapphire prism, LED light source and a stainless steel sample cell. It can measure the refractive index (nD) of transparent, viscous and other liquids and mass fraction of sugar component.

Specifications

Measuring range	1.30000 - 1.70000 (nD)
Resolution	0.0001 (nD)
Precision	± 0.0002
Brix range	0 - 100 % (Brix)
Brix accuracy	± 0.1 % (Brix)
Light source	LED
Wavelength	589 nm
Prism	Sapphire
Sample cell	Stainless steel
Detection	linear CCD
Display	7 inch FTF colour touch screen
Output	USB, RS232
Power	220 V / 50 Hz
Packing dimension	440 x 400 x 340 mm
Gross weight	10 Kg

Features

- Designed with an easy-to-use touch screen with 7 inch FTF colour interface for user-friendly operation
- Includes a durable sapphire prism for optimal performance
- Utilizes a long-life LED light source for stable and efficient illumination

- ˆ Built with superior chemical resistance for long-term durability in harsh environments
- ˆ Sample cell constructed with high-quality stainless steel for strength and corrosion resistance
- ˆ Built-in USB port and RS232

Applications

- ˆ Used in measuring sugar content of solutions in laboratories, brewing and food industry, chemical industry, research institutes, pharmaceuticals, cosmetic industry, petroleum industry, etc.



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